

## Koch, Kristine

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**From:** Koch, Kristine  
**Sent:** Tuesday, September 15, 2015 10:21 AM  
**To:** PARRETT Kevin  
**Cc:** Zhen, Davis; MCCLINCY Matt; poulsen.mike@deq.state.or.us  
**Subject:** RE: Question on Fish Tissue Figure in Draft FS  
**Attachments:** 2011-2012\_Portland\_Harbor\_Bass.xlsx

Sure.

Kristine Koch  
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USEPA, Office of Environmental Cleanup

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-----Original Message-----

From: PARRETT Kevin [mailto:Parrett.Kevin@deq.state.or.us]  
Sent: Tuesday, September 15, 2015 9:46 AM  
To: Koch, Kristine  
Cc: Zhen, Davis; MCCLINCY Matt; poulsen.mike@deq.state.or.us  
Subject: Re: Question on Fish Tissue Figure in Draft FS

This is great. Any chance I can get the Excel spreadsheet? I'd like to hone in on three areas: OSM, Gunderson, RM11E. Also, were the 2002 samples composited from both sides of the river?

On Sep 15, 2015, at 9:23 AM, Koch, Kristine <Koch.Kristine@epa.gov<mailto:Koch.Kristine@epa.gov>> wrote:

That figure was developed by Karl Gustavson, USACE. It was meant to merely show that in some areas the fish tissue was lower. He did not include the 2002 data because it was averaged across the river and did not have the same spatial resolution. Attached are some additional figures that I have that show by side of river.

<image001.png>

<image002.png>

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From: PARRETT Kevin [mailto:Parrett.Kevin@deq.state.or.us]  
Sent: Monday, September 14, 2015 7:37 PM  
To: Koch, Kristine  
Cc: Zhen, Davis; MCCLINCY Matt  
Subject: Question on Fish Tissue Figure in Draft FS

Hi Kristine. Why weren't the 2002 fish tissue shown on this figure? Also, who created this figure – CDM or EPA? I'm planning on showing this in my presentation Friday and expect criticism by LWG et al. because it doesn't show the downward trend that LWG and LSS figures shown when the samples are average by river mile. I want to make sure this figure is correct and can answer likely questions about missing 2002 data. I recall that the 2002 data had issues about the way they were composited.

Thanks. Kevin